ODS 6035

OBSTRUCTION DATA SHEET

ODS 6035
HAMMOND MUNICIPAL AIRPORT
HAMMOND, LOUISIANA

DIGITIZED FROM

OC 6035
SURVEYED APRIL 1989
2ND EDITION

PREPARED AND DISTRIBUTED BY
THE NATIONAL OCEAN SERVICE
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OBSTRUCTION DATA SHEET

The Obstruction Data Sheet (ODS) provides digital obstruction and runway data for use in aircraft arrival and departure planning. This information has been obtained using field survey and photogrammetric methods by the Photogrammetry Branch of the National Ocean Service in accordance with Federal Aviation Regulations Part 77 (FAR-77), "Objects Affecting Navigable Airspace" and FAA Nr. 405, "Specifications - Airport Obstruction Chart and Related Products."

The ODS is a derivative of the Airport Obstruction Chart (OC). The source OC is indicated on the ODS cover. All objects, both obstructing and nonobstructing, that carry an elevation on the OC are listed in the ODS. The ODS (and OC) depict a representation of objects that existed at the time of the OC field survey.

ODS information is arranged as follows:

1. Objects located in FAR-77 approach (including supplemental approaches if present) or primary areas are listed with the associated runway (reference runway). For example, all objects in the Runway 9R approach or primary are listed with Runway 9R. Distances to these objects are computed from both the physical end and threshold of Runway 9R. Objects in the Runway 27L approach or primary are listed with Runway 27L. (Objects in the common 9R/27L primary area are listed with both runways.)

2. All objects not included in "1" above are listed with the Airport Reference Point (ARP).

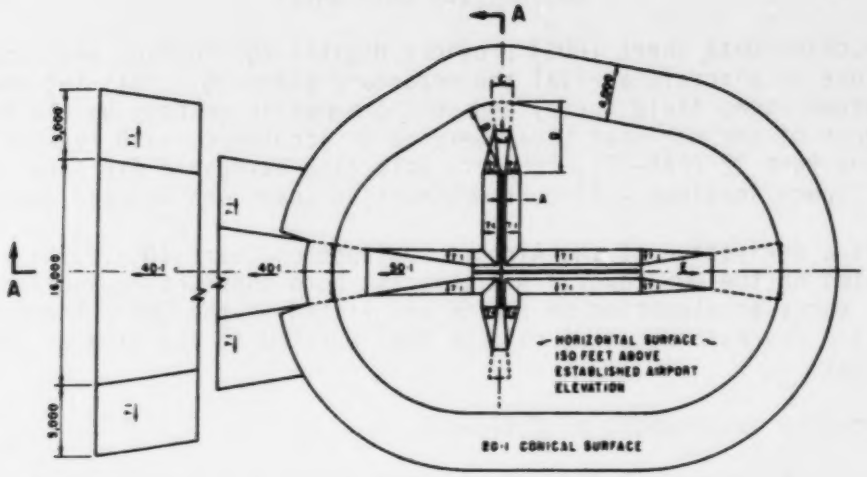
3. Runway configuration and runway lengths, widths, and elevations are presented on the ODS last page.

The FAR-77 imaginary approach surfaces for which the obstruction surveys were performed are coded in the ODS as follows (see footnote 2 on page 3):

A(V) ..... Utility runway - visual approach only
A(NP) .... Utility runway - nonprecision instrument approach
B(V) ..... Nonutility runway - visual approach only
C .... Nonutility runway - nonprecision instrument approach with visibility minimums greater than 3/4 mile
D .... Nonutility runway - nonprecision instrument approach with visibility minimums as low as 3/4 mile
PIR ..... Precision instrument runway
SUPLC ... Supplemental C underlying a B(V)

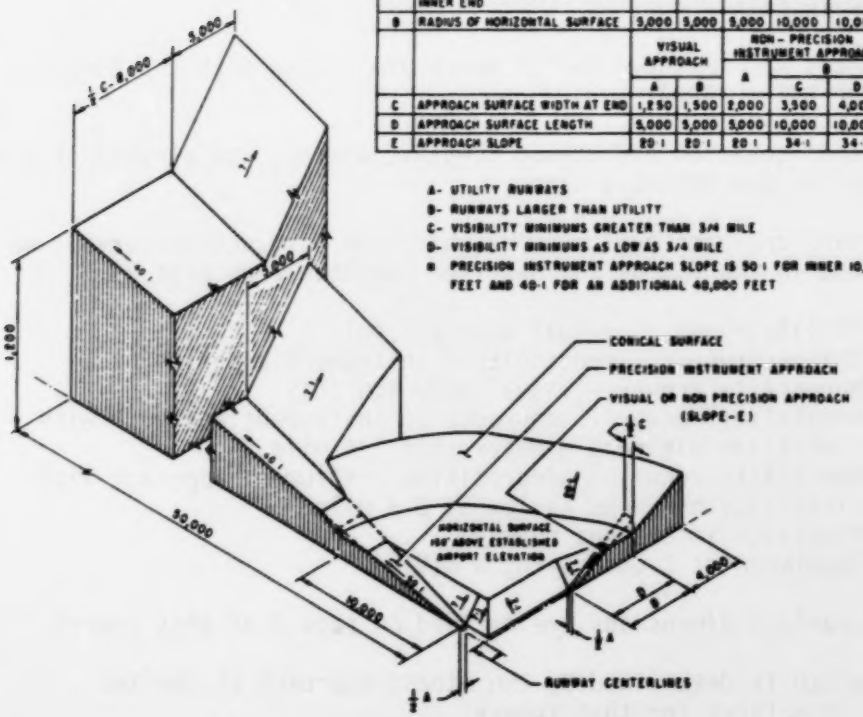
FAR-77 imaginary surface dimensions are defined on page 2 of this report.

Primary surface width is determined by the widest approach at the two approach/primary interfaces for that runway.



DIM	ITEM	DIMENSIONAL STANDARDS (FEET)					
		VISUAL RUNWAY		NON-PRECISION INSTRUMENT RUNWAY			PRECISION INSTRUMENT RUNWAY
		A	B	A	B		
					C	D	
A	WIDTH OF PRIMARY SURFACE AND APPROACH SURFACE WIDTH AT INNER END	250	500	500	500	1,000	1,000
B	RADIUS OF HORIZONTAL SURFACE	5,000	5,000	5,000	10,000	10,000	10,000
		VISUAL APPROACH		NON-PRECISION INSTRUMENT APPROACH			PRECISION INSTRUMENT APPROACH
				A	B		
		A	B		C	D	
C	APPROACH SURFACE WIDTH AT END	1,250	1,500	2,000	3,500	4,000	16,000
D	APPROACH SURFACE LENGTH	5,000	5,000	5,000	10,000	10,000	*
E	APPROACH SLOPE	20:1	20:1	20:1	34:1	34:1	*

A- UTILITY RUNWAYS
B- RUNWAYS LARGER THAN UTILITY
C- VISIBILITY MINIMUMS GREATER THAN 3/4 MILE
D- VISIBILITY MINIMUMS AS LOW AS 3/4 MILE
* PRECISION INSTRUMENT APPROACH SLOPE IS 50:1 FOR INNER 10,000 FEET AND 40:1 FOR AN ADDITIONAL 40,000 FEET



ISOMETRIC VIEW OF SECTION A-A

FAR-77 CIVIL AIRPORT IMAGINARY SURFACES

ANNOTATION OF ODS DATA FORMAT

OC XXXX

AIRPORT ELEVATION XXXX

X^{1}	X^{2} XXXX/XXXX[3]	XXXXXX.XXX[4]	XXXXXXX.XXX[4]	XXXXXXX[5]	XXXX/XXXX[6]	XXXXXX.XXX[7]	XXXXXXX.XXX[7]

OBJECT	LAT	LONG	A[8]	ELEV[9]	AGL[10]	HAR[11]	HAT[11]	HAA[11]	DEND[12]	DTHR[12]	DCLN[12]	PNTR[13]
XXXXXXXXXX	XXXXXX.XXX	XXXXXXX.XXX	XX	XXXX	XXXX	XXX	XXX	XXX	XXXXX	XXXXX	XXXX	XXXX
XXXXXXXXXX	XXXXXX.XXX	XXXXXXX.XXX	XX	XXXX	XXXX	XXX	XXX	XXX	XXXXX	XXXXX	XXXX	XXXX

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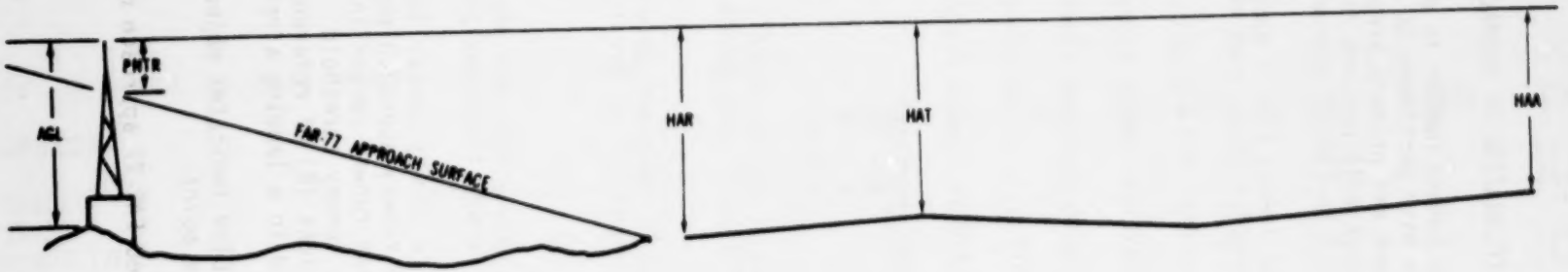

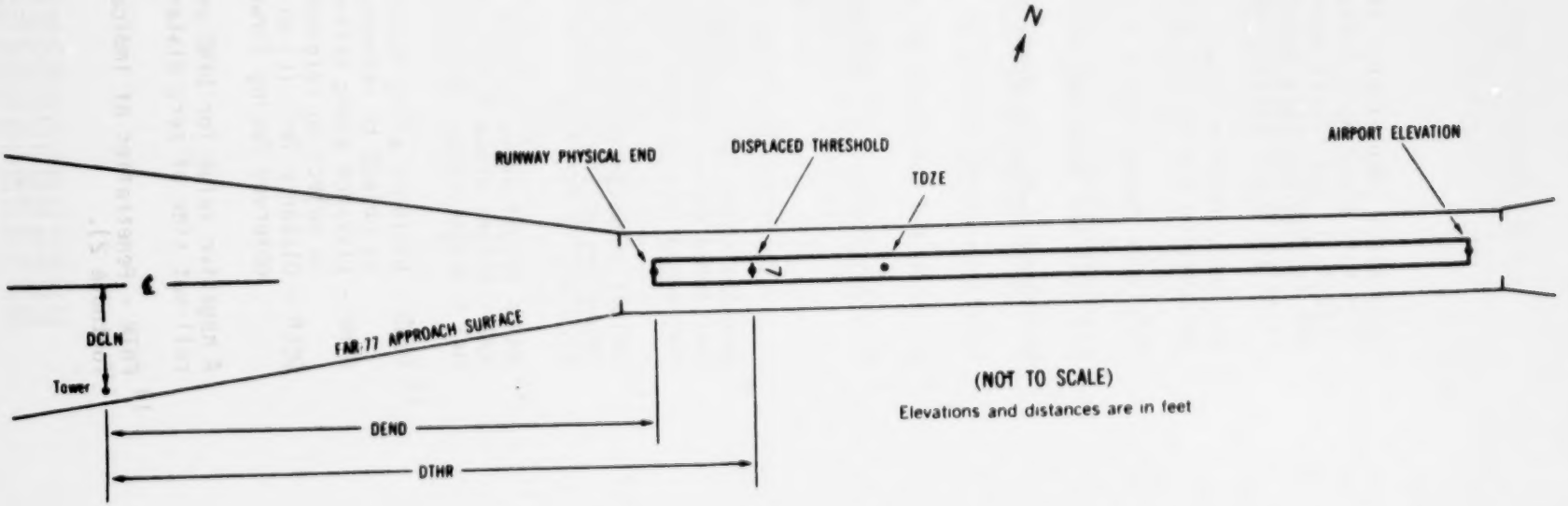

(NOT TO SCALE)

Elevations and distances are in feet

EXPLANATION OF FOOTNOTES

[1] Data block identifier. If a runway number is entered (reference runway), this data block will contain data pertinent to the reference runway and to objects in the FAR-77 approach and primary area of the reference runway. If ARP is entered, this data block will contain the ARP position and data relative to all objects not in an FAR-77 approach or primary area.

[2] For the reference runway, the lowest FAR-77 approach surface for which an obstruction survey was performed. (More than one surface may be surveyed.)

[3] Reference runway approach physical end elevation/touchdown zone elevation

[4] Latitude and longitude of reference runway approach physical end

[5] Reference runway geodetic azimuth reckoned clockwise from south

[6] Reference runway displaced threshold elevation/touchdown zone elevation

[7] Latitude and longitude of reference runway displaced threshold

[8] Accuracy Code:

Horizontal	Vertical
1 = 20	A = 2
2 = 40	B = 5
	C = 20

[9] Mean Sea Level (MSL) elevation at top of object. This value includes 15 feet added to noninterstate roads, 17 feet added to interstate roads, and 23 feet added to railroad tracks.

[10] Height above ground level (AGL). AGLs are provided only for those objects appearing on the OC that are equal to, or greater than, 200 feet AGL. AGL accuracy is ±10 feet.

[11] HAA - Height above airport
HAR - Height above reference runway approach physical end
HAT - Height above reference runway touchdown zone elevation

[12] DEND - Distance along reference runway centerline from point perpendicular to object to reference runway approach physical end
DTHR - Distance along reference runway centerline from point perpendicular to object to reference runway threshold
DCLN - Distance left (L) or right (R) of reference runway centerline as observed facing forward in a landing aircraft.

A negative value for DEND or DTHR indicates object is in primary area on roll-out side of zero distance point.

[13] PNTR - Penetration of indicated FAR-77 approach or primary surface (see footnote 2).

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AIRPORT ELEVATION 44

13 SUPLC 43/43 303129.459N 0902517.978W 3143028

OBJECT	LAT	LONG	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
											309R	10
TREE	303136.79	0902531.63	1A	87		44	44	43	1371		99R	3
TREE	303139.90	0902531.86	1A	87		44	44	43	1606		538L	18
TREE	303148.53	0902531.61	1A	120		77	77	76	2201		251L	-10
TREE	303150.60	0902538.72	1A	109		66	66	65	2791		577R	1
TREE	303146.59	0902547.53	1A	128		85	85	84	3057		106L	-28
TREE	303158.49	0902550.36	1A	129		86	86	85	4075		425R	-23
TREE	303156.87	0902557.12	1A	143		100	100	99	4383			

31 C 40/43 303054.758N 0902437.207W 1343049

OBJECT	LAT	LONG	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
											437L	8
TREE	303042.53	0902429.96	1A	81		41	38	37	1318		354R	-2
TREE	303047.72	0902423.17	1A	73		33	30	29	1374		7R	-27
ROAD (N)	303043.38	0902423.73	1A	56		16	13	12	1647		124L	49
TREE	303041.57	0902423.74	1A	135		95	92	91	1774		184L	47
TREE	303040.51	0902423.47	1A	136		96	93	92	1866		524R	35
TREE	303044.24	0902416.32	1A	129		89	86	85	2048		131L	46
TREE	303039.04	0902420.89	1A	143		103	100	99	2131		378R	47
TREE	303042.29	0902416.39	1A	145		105	102	101	2181		243L	44
TREE	303037.77	0902421.22	1A	143		103	100	99	2200		414R	46
TREE	303041.80	0902415.23	1A	147		107	104	103	2289		196R	40
TREE	303039.44	0902416.02	1A	145		105	102	101	2407		462L	38
TREE	303034.79	0902421.28	1A	143		103	100	99	2408		188L	18
TREE	303035.52	0902417.68	1A	128		88	85	84	2581		580L	15
TREE	303022.94	0902409.29	1A	167		127	124	123	3996		126R	5
TREE	303026.37	0902401.81	1A	163		123	120	119	4218		281L	4
TREE	303022.04	0902403.36	1A	168		128	125	124	4429			

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AIRPORT ELEVATION 44

18 PIR 44/44 303142.279N 09025 8.885W 3593043

OBJECT	LAT	LONG	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
GROUND	303056.22	0902502.78	1A	43		-1	-1	-1	-4658		494L	3
OL ON VOR	303109.24	0902502.65	1A	57		13	13	13	-3342		517L	15
LIGHTED WIND TEE	303118.12	0902513.21	1A	49		5	5	5	-2437		399R	6
ROD ON OL ANEMOMETER	303123.51	0902503.27	1A	78		34	34	34	-1900		475L	35
ANTENNA ON OL GLIDE SLP	303132.41	0902504.67	1A	89		45	45	45	-1000		360L	45
GROUND	303144.26	0902508.90	1A	45		1	1	1	200		0R	1
ROAD (N)	303201.98	0902509.03	1A	61		17	17	17	1991		4L	-19
POLE	303202.24	0902504.65	1A	78		34	34	34	2013		387L	-2
POLE	303202.21	0902513.46	1A	80		36	36	36	2017		383R	0
TREE	303212.60	0902519.24	1A	126		82	82	82	3071		879R	25
TREE	303219.45	0902517.65	1A	129		85	85	85	3762		734R	14
TREE	303219.84	0902515.13	1A	129		85	85	85	3799		513R	13
TREE	303221.88	0902502.13	1A	129		85	85	85	3996		624L	9
TREE	303226.30	0902459.49	1A	144		100	100	100	4440		859L	15
TREE	303226.79	0902510.94	1A	138		94	94	94	4498		141R	8
TREE	303227.06	0902504.10	1A	146		102	102	102	4520		457L	16

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AIRPORT ELEVATION 44

36 SUPLC 40/43 303052.779N 09025 8.398W 1793043

OBJECT	LAT	LONG	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
GROUND	303144.26	0902508.90	1A	45		5	2	1	-5201		0L	1
ANTENNA ON OL GLIDE SLP	303132.41	0902504.67	1A	89		49	46	45	-4001		360R	45
ROD ON OL ANEMOMETER	303123.51	0902503.27	1A	78		38	35	34	-3101		475R	35
LIGHTED WIND TEE	303118.12	0902513.21	1A	49		9	6	5	-2564		399L	6
OL ON VOR	303109.24	0902502.65	1A	57		17	14	13	-1659		517R	15
GROUND	303056.22	0902502.78	1A	43		3	0	-1	-343		494R	3
OL ON LOCALIZER	303044.86	0902508.32	1A	48		8	5	4	800		0L	-10
ANTENNA ON BUILDING	303044.39	0902511.07	1A	56		16	13	12	846		241L	-3
ROAD (N)	303043.10	0902508.16	1A	55		15	12	11	978		12R	-8
OL POLE	303042.65	0902509.92	1A	67		27	24	23	1022		142L	3
TREE	303039.16	0902507.96	1A	119		79	76	75	1377		26R	44
TREE	303039.12	0902509.97	1A	119		79	76	75	1378		149L	44
TREE	303038.50	0902503.73	1A	131		91	88	87	1446		396R	54
TREE	303037.35	0902505.89	1A	134		94	91	90	1560		206R	54
TREE	303037.03	0902511.72	1A	130		90	87	86	1588		304L	49
TREE	303035.49	0902507.33	1A	129		89	86	85	1748		78R	43
TREE	303032.71	0902508.32	1A	134		94	91	90	2028		10L	40
TREE	303016.33	0902459.22	1A	135		95	92	91	3689		771R	-8

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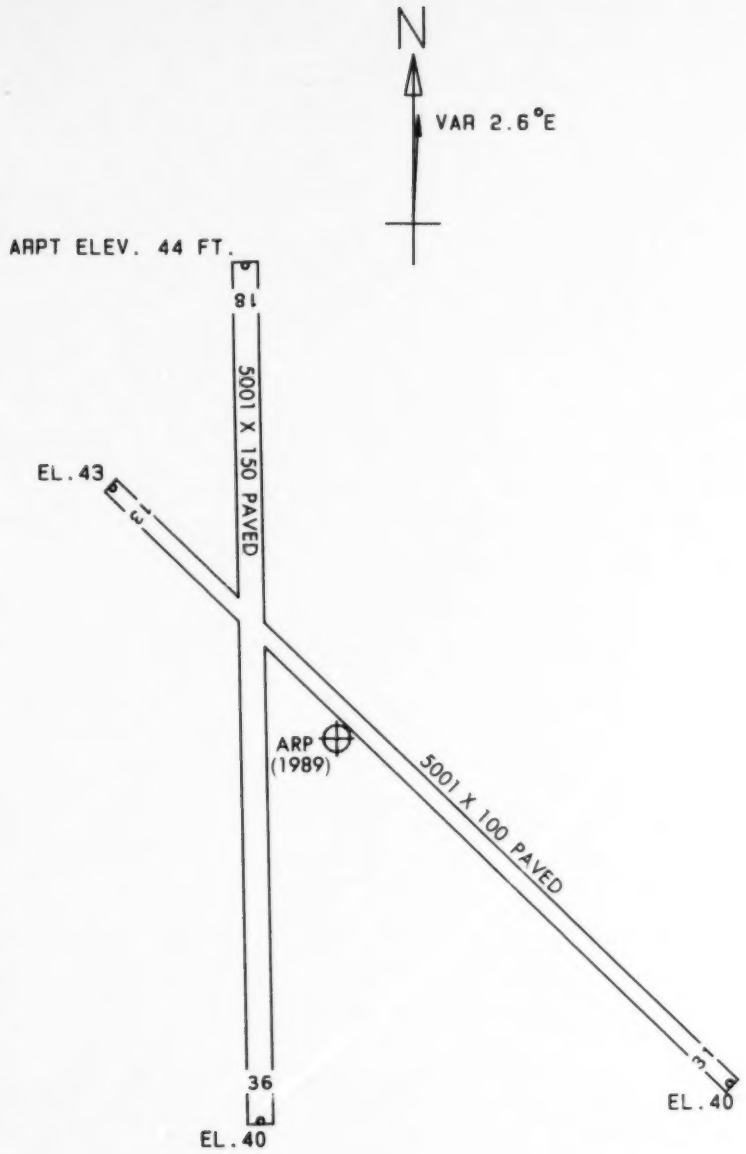
AIRPORT ELEVATION 44

ARP 303114.819N 0902503.116W

OBJECT	LAT	LONG	A	ELEV	AGL	HAA	MAG BEARING	DISTANCE
WINDSOCK	303111.81	0902515.97	1A	65		21	252 17	1165
POLE	303118.10	0902516.62	1A	63		19	283 6	1226
HANGAR	303120.60	0902518.96	1A	67		23	290 15	1504
ANTENNA ON POLE	303111.26	0902522.21	1A	124		80	255 14	1708
ROD ON OL AIRPORT BEACON	303102.93	0902519.86	1A	96		52	228 2	1894
OL ON TRAILER	303055.79	0902502.35	1A	68		24	175 24	1924
TREE	303137.25	0902455.20	1A	141		97	14 24	2370
TREE	303042.36	0902503.61	1A	127		83	178 10	3280
TREE	303041.64	0902501.99	1A	139		95	175 43	3354
TREE	303041.33	0902500.38	1A	144		100	173 21	3392
TREE	303040.52	0902503.31	1A	132		88	177 41	3465
TREE	303041.86	0902514.19	1A	135		91	193 37	3468
TREE	303041.54	0902515.26	1A	138		94	194 56	3526
TREE	303201.25	0902455.51	1A	133		89	5 29	4738
TREE	303046.55	0902415.84	1A	140		96	122 2	5026
TREE	303045.02	0902415.71	1A	138		94	123 22	5125
TREE	303034.27	0902425.89	1A	137		93	138 55	5233
TREE	303205.57	0902519.76	1A	118		74	341 33	5330
TREE	303034.22	0902424.06	1A	140		96	137 36	5338
TREE	303147.99	0902553.69	1A	150		106	304 33	5549
TREE	303217.75	0902453.67	1A	143		99	4 48	6411
TREE	303222.19	0902456.48	1A	130		86	2 16	6831
OL WATER TANK	303035.63	0902618.73	1B	192		148	236 30	7708
TREE	303230.60	0902523.57	1A	156		112	344 15	7862
ANTENNA ON OL MICROWAVE T	303028.48	0902741.30	2A	307	266	263	248 43	14608



TOUCHDOWN ZONE RUNWAY	ELEVATION
13	43
31	42
18	44
36	43

HAMMOND MUNICIPAL AIRPORT

HAMMOND, LOUISIANA

(NOT TO SCALE)